

#3

112



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/974,685A

DATE: 03/11/2002
TIME: 14:46:44

Input Set : N:\Crf3\RULE60\09974685A.raw
Output Set: N:\CRF3\03112002\I974685A.raw

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1 <110> APPLICANT: Nerenberg, Michael I.
2   Edman, Carl F.
3 <120> TITLE OF INVENTION: ELECTRONICALLY MEDIATED NUCLEIC ACID
4   AMPLIFICATION IN NASBA
5 <130> FILE REFERENCE: 238/072
7 <140> CURRENT APPLICATION NUMBER: 09/974,685A
8 <141> CURRENT FILING DATE: 2001-10-09
10 <150> PRIOR APPLICATION NUMBER: US/09/290,338
11 <151> PRIOR FILING DATE: 1999-04-12
13 <160> NUMBER OF SEQ ID NOS: 62
14 <170> SOFTWARE: FastSEQ for Windows Version 3.0
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 20
18 <212> TYPE: DNA
19 <213> ORGANISM: conserved 16S bacterial sequence
20 <400> SEQUENCE: 1
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23 <210> SEQ ID NO: 2
24 <211> LENGTH: 15
25 <212> TYPE: DNA
26 <213> ORGANISM: conserved 16S bacterial sequence
27 <400> SEQUENCE: 2
28
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30 <210> SEQ ID NO: 3
31 <211> LENGTH: 40
32 <212> TYPE: DNA
33 <213> ORGANISM: conserved 16S bacterial sequence
34 <400> SEQUENCE: 3
35
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37 <210> SEQ ID NO: 4
38 <211> LENGTH: 41
39 <212> TYPE: DNA
40 <213> ORGANISM: conserved 16S bacterial sequence
41 <400> SEQUENCE: 4
42
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44 <210> SEQ ID NO: 5
45 <211> LENGTH: 20
46 <212> TYPE: DNA
47 <213> ORGANISM: human
48 <400> SEQUENCE: 5

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ENTERED

49
actacagtga cgtggacatc
51 <210> SEQ ID NO: 6
52 <211> LENGTH: 20

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Input Set : N:\Crf3\RULE60\09974685A.raw
Output Set: N:\CRF3\03112002\I974685A.raw

53 <212> TYPE: DNA
54 <213> ORGANISM: human
55 <400> SEQUENCE: 6
56
tgtttacaca ctgggtctaa
58 <210> SEQ ID NO: 7
59 <211> LENGTH: 42
60 <212> TYPE: DNA
61 <213> ORGANISM: human
62 <400> SEQUENCE: 7
63
accgcatcga atgcatgtcc tcgggtctct gggctaata 42
65 <210> SEQ ID NO: 8
66 <211> LENGTH: 42
67 <212> TYPE: DNA
68 <213> ORGANISM: human
69 <400> SEQUENCE: 8
70
acgattcagc tccagacttc tcgggtataa cctgtattcc tc 42
72 <210> SEQ ID NO: 9
73 <211> LENGTH: 42
74 <212> TYPE: DNA
75 <213> ORGANISM: human
76 <400> SEQUENCE: 9
77
acgattcagc tccagacttc tcgggtataa cctgtattcc tt 42
79 <210> SEQ ID NO: 10
80 <211> LENGTH: 18
81 <212> TYPE: DNA
82 <213> ORGANISM: human
83 <400> SEQUENCE: 10
84
ctgtattcct cgcctgtc
86 <210> SEQ ID NO: 11
87 <211> LENGTH: 18
88 <212> TYPE: DNA
89 <213> ORGANISM: E. coli
90 <400> SEQUENCE: 11
91
ctcatctctg aaaacttc
93 <210> SEQ ID NO: 12
94 <211> LENGTH: 18
95 <212> TYPE: DNA
96 <213> ORGANISM: Shigella dysenteriae
97 <400> SEQUENCE: 12
98
cgtatctcta caaggttc
100 <210> SEQ ID NO: 13
101 <211> LENGTH: 18
102 <212> TYPE: DNA
103 <213> ORGANISM: Salmonella typhimurium
104 <400> SEQUENCE: 13
105

tccatctctg gatttttc
107 <210> SEQ ID NO: 14
108 <211> LENGTH: 18
109 <212> TYPE: DNA

RAW SEQUENCE LISTING

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Input Set : N:\Crf3\RULE60\09974685A.raw
 Output Set: N:\CRF3\03112002\I974685A.raw

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110 <213> ORGANISM: Camphylobacter Jejuni
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112
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115 <211> LENGTH: 27
116 <212> TYPE: DNA
117 <213> ORGANISM: conserved 16S bacterial sequence
118 <400> SEQUENCE: 15
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121 <210> SEQ ID NO: 16
122 <211> LENGTH: 50
123 <212> TYPE: DNA
124 <213> ORGANISM: human T-cell leukemia virus-1
125 <400> SEQUENCE: 16
126
  aatttctaata cgactcacta tagggagagg tgatctgatg tctggacagg      50
128 <210> SEQ ID NO: 17
129 <211> LENGTH: 23
130 <212> TYPE: DNA
131 <213> ORGANISM: human T-cell leukemia virus-1
132 <400> SEQUENCE: 17
133
  acttcccagg gtttggacag agt
135 <210> SEQ ID NO: 18
136 <211> LENGTH: 30
137 <212> TYPE: DNA
138 <213> ORGANISM: human T-cell leukemia virus-1
139 <400> SEQUENCE: 18
140
  ttctttcgg ataccagtc tacgtgtttg
142 <210> SEQ ID NO: 19
143 <211> LENGTH: 23
144 <212> TYPE: DNA
145 <213> ORGANISM: human T-cell leukemia virus-1
146 <400> SEQUENCE: 19
147
  acttcccagg gtttggacag agt
149 <210> SEQ ID NO: 20
150 <211> LENGTH: 42
151 <212> TYPE: DNA
152 <213> ORGANISM: human
153 <400> SEQUENCE: 20
154
  accgcattcga atgcatttcc tcgggtctct gggctaatag ga      42
156 <210> SEQ ID NO: 21
157 <211> LENGTH: 42
158 <212> TYPE: DNA
159 <213> ORGANISM: human
160 <400> SEQUENCE: 21
161
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163 <210> SEQ ID NO: 22
164 <211> LENGTH: 20
165 <212> TYPE: DNA
166 <213> ORGANISM: human

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Input Set : N:\Crf3\RULE60\09974685A.raw
Output Set: N:\CRF3\03112002\I974685A.raw

167 <400> SEQUENCE: 22
168
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170 <210> SEQ ID NO: 23
171 <211> LENGTH: 20
172 <212> TYPE: DNA
173 <213> ORGANISM: human
174 <400> SEQUENCE: 23
175
tgtttacaca ctggtgctaa
177 <210> SEQ ID NO: 24
178 <211> LENGTH: 18
179 <212> TYPE: DNA
180 <213> ORGANISM: human
181 <400> SEQUENCE: 24
182
ctgtattcct cgcctgtc
184 <210> SEQ ID NO: 25
185 <211> LENGTH: 42
186 <212> TYPE: DNA
187 <213> ORGANISM: Chlamydia trachomatis
188 <400> SEQUENCE: 25
189
cacgtagtca atgcatgtcc tcgggtacaa catcaacacc tg 42
191 <210> SEQ ID NO: 26
192 <211> LENGTH: 42
193 <212> TYPE: DNA
194 <213> ORGANISM: Chlamydia trachomatis
195 <400> SEQUENCE: 26
196
acgattcagc tccagacttc tcgggtgaga ctgttaaaga ta 42
198 <210> SEQ ID NO: 27
199 <211> LENGTH: 17
200 <212> TYPE: DNA
201 <213> ORGANISM: Chlamydia trachomatis
202 <400> SEQUENCE: 27
203
cagcaaataa tccttg 42
205 <210> SEQ ID NO: 28
206 <211> LENGTH: 19
207 <212> TYPE: DNA
208 <213> ORGANISM: Chlamydia trachomatis
209 <400> SEQUENCE: 28
210
cattgggtga tggattatt
212 <210> SEQ ID NO: 29
213 <211> LENGTH: 15
214 <212> TYPE: DNA
215 <213> ORGANISM: Chlamydia trachomatis
216 <400> SEQUENCE: 29
217
gtcgcaagcca aaatg
219 <210> SEQ ID NO: 30

220 <211> LENGTH: 16
221 <212> TYPE: DNA
222 <213> ORGANISM: Chlamydia trachomatis
223 <400> SEQUENCE: 30

RAW SEQUENCE LISTING

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Input Set : N:\Crf3\RULE60\09974685A.raw
 Output Set: N:\CRF3\03112002\I974685A.raw

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224 ttccatcaga agctgt
226 <210> SEQ ID NO: 31
227 <211> LENGTH: 42
228 <212> TYPE: DNA
229 <213> ORGANISM: human
230 <400> SEQUENCE: 31
231
  cacgtagtca atgcatgtcc tcgggtataa cttggctgt ac          42
233 <210> SEQ ID NO: 32
234 <211> LENGTH: 42
235 <212> TYPE: DNA
236 <213> ORGANISM: human
237 <400> SEQUENCE: 32
238
  acgattcagc tccagacttc tcgggtgctc tcatcagtca ca          42
240 <210> SEQ ID NO: 33
241 <211> LENGTH: 19
242 <212> TYPE: DNA
243 <213> ORGANISM: human
244 <400> SEQUENCE: 33
245
  tgaaggataa gcagccaa
247 <210> SEQ ID NO: 34
248 <211> LENGTH: 19
249 <212> TYPE: DNA
250 <213> ORGANISM: human
251 <400> SEQUENCE: 34
252
  ctcctctcaa ccccaata
254 <210> SEQ ID NO: 35
255 <211> LENGTH: 18
256 <212> TYPE: DNA
257 <213> ORGANISM: human
258 <400> SEQUENCE: 35
259
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261 <210> SEQ ID NO: 36
262 <211> LENGTH: 18
263 <212> TYPE: DNA
264 <213> ORGANISM: human
265 <400> SEQUENCE: 36
266
  ctgatccagg cctgggtg
268 <210> SEQ ID NO: 37
269 <211> LENGTH: 45
270 <212> TYPE: DNA
271 <213> ORGANISM: Salmonella
272 <400> SEQUENCE: 37
273
  aattccgcat gagctggta atgttgtact gtagtaatgc tctgc          45
275 <210> SEQ ID NO: 38
276 <211> LENGTH: 70

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277 <212> TYPE: DNA
278 <213> ORGANISM: Salmonella
279 <400> SEQUENCE: 38
280 cctatcaatt tacctactaa atcacgatta tcccctagag tcatgtggc tcttcagacc 60

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 03/11/2002
PATENT APPLICATION: US/09/974,685A TIME: 14:46:45

Input Set : N:\Crf3\RULE60\09974685A.raw
Output Set: N:\CRF3\03112002\I974685A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 21
Seq#:2; Line(s) 28
Seq#:3; Line(s) 35
Seq#:4; Line(s) 42
Seq#:5; Line(s) 49
Seq#:6; Line(s) 56
Seq#:7; Line(s) 63
Seq#:8; Line(s) 70
Seq#:9; Line(s) 77
Seq#:10; Line(s) 84
Seq#:11; Line(s) 91
Seq#:12; Line(s) 98
Seq#:13; Line(s) 105
Seq#:14; Line(s) 112
Seq#:15; Line(s) 119
Seq#:16; Line(s) 126
Seq#:17; Line(s) 133
Seq#:18; Line(s) 140
Seq#:19; Line(s) 147
Seq#:20; Line(s) 154
Seq#:21; Line(s) 161
Seq#:22; Line(s) 168
Seq#:23; Line(s) 175
Seq#:24; Line(s) 182
Seq#:25; Line(s) 189
Seq#:26; Line(s) 196
Seq#:27; Line(s) 203
Seq#:28; Line(s) 210
Seq#:29; Line(s) 217
Seq#:30; Line(s) 224
Seq#:31; Line(s) 231
Seq#:32; Line(s) 238
Seq#:33; Line(s) 245
Seq#:34; Line(s) 252
Seq#:35; Line(s) 259
Seq#:36; Line(s) 266
Seq#:37; Line(s) 273
Seq#:38; Line(s) 280,281
Seq#:39; Line(s) 288
Seq#:40; Line(s) 295
Seq#:41; Line(s) 302
Seq#:42; Line(s) 309
Seq#:43; Line(s) 316

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 03/11/2002
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Input Set : N:\Crf3\RULE60\09974685A.raw
Output Set: N:\CRF3\03112002\I974685A.raw

Seq#:44; Line(s) 323
Seq#:45; Line(s) 330
Seq#:46; Line(s) 337,338
Seq#:47; Line(s) 345
Seq#:48; Line(s) 352,353
Seq#:49; Line(s) 360
Seq#:50; Line(s) 367,368
Seq#:51; Line(s) 375
Seq#:52; Line(s) 382,383
Seq#:53; Line(s) 390
Seq#:54; Line(s) 397,398
Seq#:55; Line(s) 405
Seq#:56; Line(s) 412,413
Seq#:57; Line(s) 420
Seq#:58; Line(s) 427,428
Seq#:59; Line(s) 435
Seq#:60; Line(s) 442,443
Seq#:61; Line(s) 450
Seq#:62; Line(s) 457

VERIFICATION SUMMARY

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DATE: 03/11/2002

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Input Set : N:\Crf3\RULE60\09974685A.raw

Output Set: N:\CRF3\03112002\I974685A.raw